

0590
0321

#2



ENTERED

OIEP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/090,466

DATE: 03/19/2002

TIME: 16:30:50

Input Set : A:\LEX-0315-USA SEQLIST.txt

Output Set: N:\CRF3\03192002\J090466.raw

4 <110> APPLICANT: Turner, C. Alexander Jr.
 5 Mathur, Brian
 6 Cullinan, Emily B.
 8 <120> TITLE OF INVENTION: Novel Human Dectin Proteins and Polynucleotides Encoding the

Same

10 <130> FILE REFERENCE: LEX-0315-USA
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/090,466
 C--> 12 <141> CURRENT FILING DATE: 2002-03-01

12 <150> PRIOR APPLICATION NUMBER: US 60/274,961
 13 <151> PRIOR FILING DATE: 2001-03-12
 15 <160> NUMBER OF SEQ ID NOS: 4
 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 642
 21 <212> TYPE: DNA
 22 <213> ORGANISM: homo sapiens
 24 <400> SEQUENCE: 1

25 atggtgcctg aagaagagcc tcaagaccga gagaaaggac tctggtggtt ccagttgaag 60
 26 gtctgttcca tggcagtcgt atccatcttg ctctcagtg tctgtttcac tgtgagttct 120
 27 gtggtgcctc acaattttat gtatagcaaa actgtcaaga ggctgtccaa gttacgagag 180
 28 tatcaacagt atcatccaag cctgacctgc gtcatggaag gaaaggacat agaagattgg 240
 29 agctgctgcc caacccttg gacttcattt cagtctagtt gctactttat ttctactggg 300
 30 atgcaatctt ggactaagag tcaaaagaac tgttctgtga tgggggctga tctggtggtg 360
 31 atcaacacca gggaagaaca ggatttcattc attcagaatc tgaaaagaaa ttcttcttat 420
 32 tttctggggc tgtcagatcc agggggctcg cgacattggc aatgggttga ccagacacca 480
 33 tacaatgaaa atgtcacatt ctggcactca ggtgaacca ataacctga tgagcgttgt 540
 34 gcgataataa atttccgttc ttcagaagaa tggggctgga atgacattca ctgtcatgta 600
 35 cctcagaagt caatttgcaa gatgaagaag atctacatat aa 642

37 <210> SEQ ID NO: 2

38 <211> LENGTH: 213

39 <212> TYPE: PRT

40 <213> ORGANISM: homo sapiens

42 <400> SEQUENCE: 2

43 Met Val Pro Glu Glu Glu Pro Gln Asp Arg Glu Lys Gly Leu Trp Trp
 44 1 5 10 15
 45 Phe Gln Leu Lys Val Trp Ser Met Ala Val Val Ser Ile Leu Leu Leu
 46 20 25 30
 47 Ser Val Cys Phe Thr Val Ser Ser Val Val Pro His Asn Phe Met Tyr
 48 35 40 45
 49 Ser Lys Thr Val Lys Arg Leu Ser Lys Leu Arg Glu Tyr Gln Gln Tyr
 50 50 55 60
 51 His Pro Ser Leu Thr Cys Val Met Glu Gly Lys Asp Ile Glu Asp Trp
 52 65 70 75 80
 53 Ser Cys Cys Pro Thr Pro Trp Thr Ser Phe Gln Ser Ser Cys Tyr Phe

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/090,466

DATE: 03/19/2002

TIME: 16:30:50

Input Set : A:\LEX-0315-USA SEQLIST.txt

Output Set: N:\CRF3\03192002\J090466.raw

```

54          85          90          95
55 Ile Ser Thr Gly Met Gln Ser Trp Thr Lys Ser Gln Lys Asn Cys Ser
56          100          105          110
57 Val Met Gly Ala Asp Leu Val Val Ile Asn Thr Arg Glu Glu Gln Asp
58          115          120          125
59 Phe Ile Ile Gln Asn Leu Lys Arg Asn Ser Ser Tyr Phe Leu Gly Leu
60          130          135          140
61 Ser Asp Pro Gly Gly Arg Arg His Trp Gln Trp Val Asp Gln Thr Pro
62 145          150          155          160
63 Tyr Asn Glu Asn Val Thr Phe Trp His Ser Gly Glu Pro Asn Asn Leu
64          165          170          175
65 Asp Glu Arg Cys Ala Ile Ile Asn Phe Arg Ser Ser Glu Glu Trp Gly
66          180          185          190
67 Trp Asn Asp Ile His Cys His Val Pro Gln Lys Ser Ile Cys Lys Met
68          195          200          205
69 Lys Lys Ile Tyr Ile
70          210
73 <210> SEQ ID NO: 3
74 <211> LENGTH: 549
75 <212> TYPE: DNA
76 <213> ORGANISM: homo sapiens
78 <400> SEQUENCE: 3
79 atggtgcctg aagaagagcc tcaagaccga gtgcctcaca attttatgta tagcaaaact 60
80 gtcaagaggc tgtccaagtt acgagagtat caacagtatc atycaagcct gacctgcgtc 120
81 atggaaggaa aggacataga agattggagc tgctgcccaa ccccttgga cttcatttcag 180
82 tctagtgtct actttatttc tactgggatg caatcttgga ctaagagtca aaagaactgt 240
83 tctgtgatgg gggctgatct ggtggtgatc aacaccaggg aagaacagga tttcatcatt 300
84 cagaatctga aaagaaattc ttcttatttt ctggggctgt cagatccagg gggtcggcga 360
85 cattggcaat gggttgacca gacaccatac aatgaaaatg tcacattctg gcactcaggt 420
86 gaacccaata accttgatga gcgttggtgcg ataataaatt tccgttcttc agaagaatgg 480
87 ggctggaatg acattcactg tcatgtacct cagaagtcaa tttgcaagat gaagaagatc 540
88 tacatataa 549
90 <210> SEQ ID NO: 4
91 <211> LENGTH: 182
92 <212> TYPE: PRT
93 <213> ORGANISM: homo sapiens
95 <220> FEATURE:
96 <221> NAME/KEY: VARIANT
97 <222> LOCATION: (1)...(182)
98 <223> OTHER INFORMATION: Xaa = Any Amino Acid
100 <400> SEQUENCE: 4
101 Met Val Pro Glu Glu Glu Pro Gln Asp Arg Val Pro His Asn Phe Met
102 1          5          10          15
103 Tyr Ser Lys Thr Val Lys Arg Leu Ser Lys Leu Arg Glu Tyr Gln Gln
104          20          25          30
W--> 105 Tyr His Xaa Ser Leu Thr Cys Val Met Glu Gly Lys Asp Ile Glu Asp
106          35          40          45
107 Trp Ser Cys Cys Pro Thr Pro Trp Thr Ser Phe Gln Ser Ser Cys Tyr
108          50          55          60

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/090,466

DATE: 03/19/2002

TIME: 16:30:50

Input Set : A:\LEX-0315-USA SEQLIST.txt

Output Set: N:\CRF3\03192002\J090466.raw

```

109 Phe Ile Ser Thr Gly Met Gln Ser Trp Thr Lys Ser Gln Lys Asn Cys
110 65              70              75              80
111 Ser Val Met Gly Ala Asp Leu Val Val Ile Asn Thr Arg Glu Glu Gln
112              85              90              95
113 Asp Phe Ile Ile Gln Asn Leu Lys Arg Asn Ser Ser Tyr Phe Leu Gly
114              100             105             110
115 Leu Ser Asp Pro Gly Gly Arg Arg His Trp Gln Trp Val Asp Gln Thr
116              115             120             125
117 Pro Tyr Asn Glu Asn Val Thr Phe Trp His Ser Gly Glu Pro Asn Asn
118              130             135             140
119 Leu Asp Glu Arg Cys Ala Ile Ile Asn Phe Arg Ser Ser Glu Glu Trp
120 145              150             155             160
121 Gly Trp Asn Asp Ile His Cys His Val Pro Gln Lys Ser Ile Cys Lys
122              165             170             175
123 Met Lys Lys Ile Tyr Ile
124              180

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/090,466

DATE: 03/19/2002

TIME: 16:30:51

Input Set : A:\LEX-0315-USA SEQLIST.txt

Output Set: N:\CRF3\03192002\J090466.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4